

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 5232 | 375/354,359,360,364,365,360,367,368.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:55 |
| L2 | 2097 | polarity with (amplitude and phase) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:54 |
| L3 | 14 | 1 and 2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:54 |
| L4 | 7398 | 375/222,354,359,360,364,365,360,367,368.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:55 |
| L5 | 18 | 4 and 2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:55 |
| S1 | 3886 | qpsk and sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:54 |
| S2 | 2061 | polarity with (amplitude and phase) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/12 09:54 |
| S3 | 21 | S1 and S2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S4 | 329 | ((manabu near nakamura) or (miyashita near shinichi)).in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:02 |
| S5 | 3 | S4 and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:03 |
| S6 | 0 | S4 and sync\$12 and gold | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:04 |
| S7 | 0 | S4 and gold | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:04 |

| | | | | | | |
|-----|------|--|--|----|-----|------------------|
| S8 | 3 | S4 and amplitude and phase | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:12 |
| S9 | 140 | sync\$12 and (preamble with (polarity or (positive and negative))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:12 |
| S10 | 9 | qpsk and S9 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:27 |
| S11 | 3976 | sync\$12 with preamble | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:27 |
| S12 | 434 | S11 and \$4qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:28 |
| S13 | 395 | demodulat\$4 and S12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:28 |
| S14 | 10 | (demodulat\$4 same polarity) and S12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:34 |
| S15 | 1 | 2002-488637.NRAN. | DERWENT | OR | OFF | 2004/12/02 20:34 |
| S16 | 46 | preamble and adc and demodulat\$4 and amplitude and polarity and (sync\$12 with clock) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:46 |
| S17 | 59 | preamble same "01" same "10" same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:58 |
| S18 | 4670 | sync\$12 and amplitude and polarity and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:59 |
| S19 | 1051 | sync\$12 and (amplitude with polarity) and demodulat\$4 and S18 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 20:59 |
| S20 | 649 | (sync\$12 same demodulat\$4) and S19 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:00 |

| | | | | | | |
|-----|------|---------------------------------------|--|----|-----|------------------|
| S21 | 600 | S20 and phase | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:00 |
| S22 | 22 | S21 and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:31 |
| S23 | 5171 | 375/354,359,360,364,365-368. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S24 | 2107 | 375/222.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:32 |
| S25 | 7229 | S23 or S24 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:47 |
| S26 | 49 | S23 and S24 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:32 |
| S27 | 5 | S26 and preamble | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 21:33 |
| S28 | 5171 | 375/354,359,360,364,365-368. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/02 22:19 |
| S29 | 76 | S28 and preamble and modem | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:19 |
| S30 | 60 | S29 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:25 |
| S31 | 89 | S28 and "1001" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:20 |
| S32 | 15 | S28 and "1001" and preamble | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:24 |

| | | | | | | |
|-----|-------|--------------------------------------|--|----|----|------------------|
| S33 | 270 | S28 and (preamble with sync\$12) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:25 |
| S34 | 167 | S33 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 22:25 |
| S35 | 37 | S34 and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 18:48 |
| S36 | 22979 | zero near2 crossing | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 18:49 |
| S37 | 3886 | qpsk and sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 18:49 |
| S38 | 184 | S36 and S37 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 18:50 |
| S39 | 167 | S38 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 18:50 |
| S40 | 114 | S38 and (demodulat\$4 same sync\$12) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 19:42 |
| S41 | 22979 | zero near2 crossing | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 19:42 |
| S42 | 3807 | S41 same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 19:42 |
| S43 | 2500 | S41 with sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 19:42 |
| S44 | 83 | S41 with sync\$12 with demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 20:07 |

| | | | | | | |
|-----|-----|---|--|----|-----|------------------|
| S45 | 77 | preamble and "1001" and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 20:07 |
| S46 | 71 | preamble and "1001" and qpsk and sync\$12 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 20:08 |
| S47 | 18 | (preamble same "1001") and qpsk and sync\$12 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/03 20:08 |
| S48 | 827 | preamble and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 16:02 |
| S49 | 105 | (amplitude with (difference or subtract\$4) with clock) same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 16:03 |
| S50 | 1 | S48 and S49 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 16:09 |
| S51 | 118 | qpsk and preamble and polarity | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 16:09 |
| S52 | 94 | qpsk and preamble and polarity and amplitude | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 16:09 |
| S53 | 22 | qpsk and preamble and (polarity same amplitude) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:16 |
| S54 | 490 | (preamble same sync\$12) and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:16 |
| S55 | 5 | ("1001" same preamble same sync\$12) and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:19 |
| S56 | 38 | (amplitude same preamble same sync\$12) and qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:22 |

| | | | | | | |
|-----|------|--|--|----|-----|------------------|
| S57 | 79 | preamble same polarity same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:23 |
| S58 | 28 | preamble with polarity with sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:27 |
| S59 | 66 | (preamble with sync\$12) same \$4qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:49 |
| S60 | 42 | (amplitude with sync\$12) same \$4qpsk | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/05 16:50 |
| S61 | 5749 | (tim\$4 with amplitude) same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 17:27 |
| S62 | 170 | \$6qpsk and S61 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 17:27 |
| S63 | 150 | S62 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/05 17:28 |
| S64 | 69 | S62 and demodulat\$4 and (preamble or training) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:08 |
| S65 | 5749 | (tim\$4 with amplitude) same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:08 |
| S66 | 170 | \$6qpsk and S65 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:08 |
| S67 | 69 | S66 and demodulat\$4 and (preamble or training) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:15 |
| S68 | 12 | (amplitude with differen\$4) same preamble same sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:26 |

| | | | | | | |
|-----|-------|---|--|----|-----|------------------|
| S69 | 2 | ("5974040").PN. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 11:26 |
| S70 | 1 | demodulat\$4 and S69 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:13 |
| S71 | 307 | modem and qpsk and preamble | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:14 |
| S72 | 206 | modem and qpsk and preamble and amplitude | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:14 |
| S73 | 199 | modem and qpsk and preamble and amplitude and modulats\$4 and demodulat\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:14 |
| S74 | 193 | modem and qpsk and preamble and amplitude and modulats\$4 and demodulat\$4 and sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:14 |
| S75 | 124 | modem and qpsk and preamble and amplitude and modulats\$4 and demodulat\$4 and (sync\$12 same preamble) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:14 |
| S76 | 9 | modem and qpsk and preamble and amplitude and modulats\$4 and demodulat\$4 and (sync\$12 same preamble same amplitude) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:17 |
| S77 | 124 | modem and qpsk and preamble and amplitude and modulats\$4 and demodulat\$4 and (sync\$12 same preamble) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:23 |
| S78 | 80476 | base near station\$2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:23 |
| S79 | 8598 | demodulat\$4 and modulats\$4 and S78 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:23 |
| S80 | 101 | qpsk and preamble and external and S79 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:24 |

| | | | | | | |
|-----|-------|--|--|----|-----|------------------|
| S81 | 36 | S80 and (preamble same sync\$12) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:48 |
| S82 | 76102 | (base near station) with (base near station) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:49 |
| S83 | 81148 | (base near station) with (base near station) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:49 |
| S84 | 80476 | base near station\$2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:49 |
| S85 | 8598 | demodulat\$4 and modulat\$4 and S84 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:49 |
| S86 | 101 | qpsk and preamble and external and S85 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:49 |
| S87 | 36 | S86 and (preamble same sync\$12) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:49 |
| S88 | 36 | S83 and S87 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:56 |
| S89 | 16 | S88 and co | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/06 13:56 |
| S90 | 14 | S88 and co | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/06 13:56 |
| S91 | 4084 | qpsk and sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S92 | 4084 | qpsk and sync\$12 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |

| | | | | | | |
|-----|------|---------------------------------------|--|----|-----|------------------|
| S93 | 2084 | polarity with (amplitude and phase) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S94 | 21 | S92 and S93 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S95 | 5252 | 375/354,359,360,364,365-368. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:46 |
| S96 | 5252 | 375/354,359,360,364,365-368. ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:47 |
| S97 | 2179 | 375/222.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:47 |
| S98 | 7382 | S96 or S97 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 15:47 |